

Serial No. 10/664,846

Amendments to the Specification:

Please replace paragraph on page 2 beginning at line 10 with the following amended paragraph:

One process for separation of liquid hydrocarbons containing two or more carbon atoms (ethane product) from LNG and to produce natural gas meeting pipeline specifications is disclosed in U.S. Patent ~~6,364,579~~ 6,564,579. That process comprises: vaporizing the LNG to produce a partially vaporized natural gas stream; fractionating the partially vaporized natural gas stream to produce a gas stream and a liquid stream(ethane product); compressing the gas stream to increase the pressure of the gas stream by about 50 to about 150 psi to produce a compressed gas stream and cooling the compressed gas stream by heat exchange with the stream of LNG to produce a liquid compressed stream; pumping the liquid compressed stream to produce a high-pressure liquid stream at a pressure from about 800 to about 1200 psig; vaporizing the high pressure liquid stream to produce a conditioned natural gas suitable for delivery to a pipeline or for commercial use; recovering the liquid ethane product.

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Please replace paragraph on page 6 beginning at line 6 with the following amended paragraph:

Figs. 1a and 1b are parameter tables;

Fig. 1c is a graph showing T.K. vs
H, kJ/kmol;

Fig. 2 is a flow diagram of a modified
system;

Figs. 2a and 2b are parameter tables; and

~~Rig.~~ Fig. 2c is a graph showing T.K. vs
H, kJ/kmol;